




Hydrophilized microporous polytetrafluorethylene membrane and production process thereof.

Patent number: DE4117281
Publication date: 1992-01-02
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Classification:
- international: **B01D71/36; B29C67/20; C08J9/26; B01D71/00;**
B29C67/20; C08J9/00; (IPC1-7): B01D67/00;
B01D69/12; B01D71/36
- european: B01D71/36; B29C67/20C; C08J9/26
Application number: DE19914117281 19910527
Priority number(s): DD19900342303 19900629; DD19900342304
19900629; DD19900342300 19900629

Also published as:

 EP0463627 (A2)
 EP0463627 (A3)
 EP0463627 (B1)

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Abstract not available for DE4117281

Abstract of corresponding document: **EP0463627**

The invention relates to a hydrophilised, microporous membrane and to a production process therefor. The object of the invention is to produce a hydrophilised, microporous membrane made of PTFE. According to the invention, the hydrophilised microporous membrane consists of unmodified PTFE and 2.5 to 25 % by mass of highly functionalised PTFE as a largely polymer-identical hydrophilising agent. The highly functionalised PTFE is obtained by irradiation and, if appropriate, by additions of sulphites and/or carbonates. The invention also relates to production processes for the membranes.

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